

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

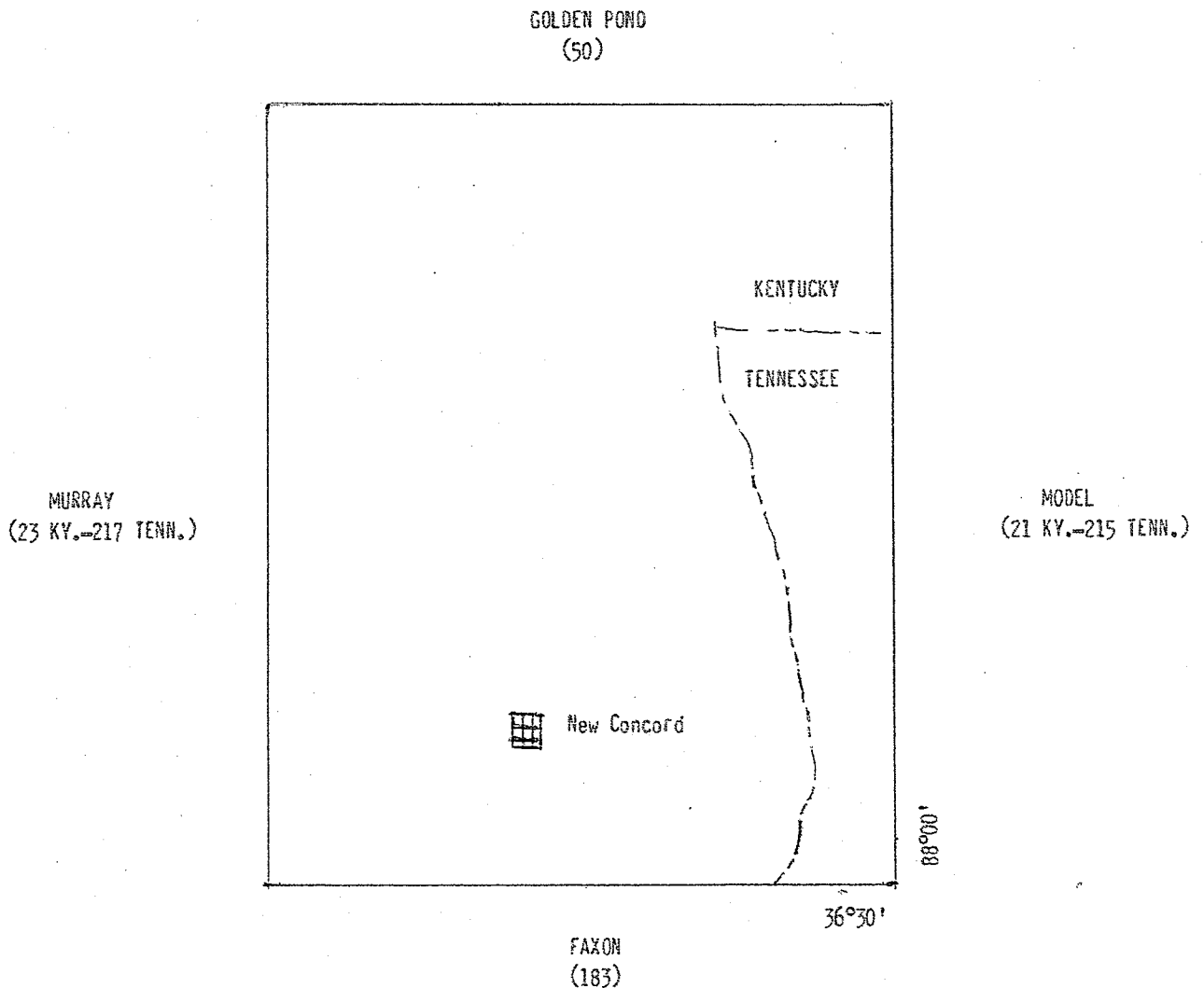
36-088-12
NEW CONCORD QUADRANGLE
22 KY.-216 TENN.
N3630-W8800/15
DIAGRAM NJ 16-10
DYERSBURG

Calloway, Marshall, and Trigg Counties, Ky.;
Stewart County, Tenn.

Edition of 2/3/78

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Kentucky, South Zone, and Tennessee Zone



For additional TVA-USGS work in this quadrangle, see TVA booklet 18

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

22 KY.-216 TENN.
NEW CONCORD QUADRANGLE

36-088-12
N3630-W8800/15

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22 KY.-216 TENN.
NEW CONCORD QUADRANGLE

36-088-12
3

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	" ' "	" ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By M. H. Harris, 1935; Book C356 TVA and E. W. Roy and M. E. Thomas

Murray, 4.35 mi E. of courthouse, along State Highway 94; 33 ft N. and 40 ft W. of hwy. and graveled crossroad (E. and W.); about 0.3 mi SW. of Elm Grove Church and cemetery; on W. side of hwy. right-of-way; in concrete post; NGS standard disk stamped "T 22 1934"

X = 1,276,185	Y = 123,139	36 38 44.14	88 13 02.34
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Murray, 8.5 mi NE. of courthouse, along State Highway 94; 50 ft N. and 48 ft E. of intersection of centerlines of hwy. and graveled T-rd. W.; about 160 ft S. of Shell Gasoline filling station, called Midway Service Station; along E. edge of hwy. right-of-way; in concrete post; standard tablet stamped "TI 18 HA 1935" (Reported destroyed, 1971)

X = 1,285,580	Y = 136,586	36 40 59.46	88 11 11.37
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Murray, 10.4 mi E. of courthouse, along State Highway 94; 79 ft N. of intersection of centerlines of hwy. and graveled rd. E. to Liberty Church and school, at SE. corner of small grove of trees; in concrete post; standard tablet stamped "TI 19 HA 1935" (Reported destroyed, 1971)

X = 1,291,805	Y = 144,267	36 42 16.97	88 09 57.38
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Murray, 13.05 mi E. of courthouse, along State Highway 94; 42 ft S. and 3 ft W. of intersection of hwy. and rock road E. to Highland; in concrete post; standard tablet stamped "TI 20 HA 1935"

X = 1,297,870	Y = 156,759	36 44 21.98	88 08 46.82
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Almo, 5.5 mi E. of; about 2.4 mi S. of Hico; on S. side of Old Egners Ferry Road; on W. side of graveled side rd.; 30.5 ft NE. to small triangle formed by intersection of T-rd. S.; in concrete post; standard tablet stamped "TI 113 RY 1935" (Reported destroyed, 1971)

X = 1,281,982	Y = 139,168	36 41 24.07	88 11 56.34
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Almo, 2.4 mi E. of; on N. side of old Murray-Egners Ferry Road; 32 ft SE. to intersection of T-rd. N. and Murray Egners Ferry Road; in concrete post; standard tablet stamped "TI 114 RY 1935" (Reported destroyed, 1971)

X = 1,267,345	Y = 136,940	36 40 58.25	88 14 55.25
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Murray, 6.0 mi S. of; 1.5 mi S. of Murray-New Concord Road at junction of Providence Road and dirt rd. running W. to old Paris pike; 100 ft W. of Stone School; 800 ft S. of house occupied by C. H. Holt; 15 ft S. of centerline of Providence Road; in edge of woods; in concrete post; standard tablet stamped "TI 3 TS 1935" (Reported destroyed, 1971)

X = 1,266,734	Y = 91,655	36 33 30.47	88 14 48.06
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22 KY.-216 TENN.
NEW CONCORD QUADRANGLE

36-088-12
4

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

New Providence, 0.7 mi S. of; 150 ft SE. of New Providence School; 200 ft SE. of house occupied by W. C. St. John; 30 ft W. of New Providence-Hazel Road; in concrete post; standard tablet stamped "TI 5 IS 1935"

X = 1,269,205 Y = 77,010 36 31 06.35 88 14 13.06

New Concord, 2.75 mi NW. of; 150 ft S. of I-rd. S.; 60 ft S. of centerline of New Highway from Murray to New Concord on bank of cut in edge of old field; in concrete post; standard tablet stamped "TI 7 IS 1935" (Not found, 1971)

X = 1,280,531 Y = 92,136 36 33 38.80 88 11 59.18

New Concord, 3.0 mi S. of; 0.4 mi S. of Beechy Creek; 300 ft SE. of house occupied by Clifford Smith, at intersection of Beechy Creek Road and rd. from New Concord to Freeland; in concrete post; standard tablet stamped "TI 8 IS 1935"

X = 1,293,570 Y = 74,570 36 30 48.47 88 09 13.93

Hazel, 6.0 mi E. of; 0.7 mi E. of intersection of New Providence-Hazel Road and State line Road; 200 ft N. of house occupied by N. Wilson; 40 ft S. of state line road; 119 mi N. of Kentucky-Tennessee State line; on bank of small ditch crossing road; in concrete post; standard tablet stamped "TI 10 IS 1935"

X = 1,273,133 Y = 71,268 36 30 10.62 88 13 23.12

New Concord, 2.75 mi SE. of; 250 ft N. of Mt. Carmel Church; 800 ft E. of house occupied by L. M. Moore; 40 ft NE. of intersection of Murry-West Shannon and Mt. Carmel I-rd. E.; 40 ft N. of centerline of hwy.; in concrete post; standard tablet stamped "TI 11 IS 1935" (Not found, 1971)

X = 1,304,340 Y = 78,284 36 31 27.87 88 07 03.20

Dexter, 3.0 mi SE. of; 2.5 mi NW. of Hico; 0.6 mi E. of Brooks Chapel School; 60 ft N. of junction of rds. and centerline of Dexter-Hico Road; in front yard of house occupied by I. B. Jones; in concrete post; standard tablet stamped "TI 22 IS 1935"

X = 1,268,584 Y = 155,071 36 43 57.80 88 14 45.93

Calloway County; on W. side of Tennessee River; about 2.0 mi E. of intersection of Highway 68 and Murray-Pine Bluff Road; 125 ft N. of house occupied by W. C. Cahoon; 30 ft S. of Murray-Pine Bluff Road under large oak tree; in concrete post; standard tablet stamped "TI 1 IS 1935"

X = 1,272,050 Y = 115,380 36 37 26.37 88 13 50.56

22 KY.-216 TENN.
NEW CONCORD QUADRANGLE

36-088-12
5

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

New Concord, about 5.0 mi SE. of; 1.5 mi W. of Fort Heiman; 300 ft N. of intersection of Fort Heiman Road and Murray Highway leading S. to Tennessee Line; about 2.0 mi SE. of Mt. Carmel Church; 250 ft SE. of house occupied by W. M. Crutcher; 50 ft W. of centerline of Murray-Centerville hwy.; in concrete post; standard tablet stamped "TT 12 TS 1935"

Ky. S.) X = 1,312,276 Y = 70,088

36 30 08.81

88 05 23.52

Sta. 294 = TVA 703 I.S. (No description available)

X = 1,312,443 Y = 69,860

36 30 06.6

88 05 21.4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A = Quadrangle 360881

22 KENTUCKY - 216 TENNESEE
NEW CONCORD QUADRANGLE

36-088-12
N3630-W8800/15

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LINE 1.Feet

By B. B. Chamblin, 1939; Book B8265

"U 22 1934" (NGS)

526.443

Pottertown School, 2.2 mi W. of; 30 ft S. of centerline of county road; 2.0 mi E. of intersection with U. S. Highway 68 (now State Highway 94); 125 ft N. of house occupied by W. C. Cahoon; under large oak tree; in concrete post; standard tablet stamped "IT 1 IS 1935"

539.383

U. E., Cherry, 1.0 mi W. of; 4.4 mi E. of Murray; at corner of New Hope Church; 100 ft E. of crossroads; on N. edge of Ewing Hart Highway, 250 ft NW. of New Hope Church, on N. headwall of culvert; chiseled square

530.150

Murray, 4.8 mi SE. of courthouse; on State Highway 121 to Y-rd.; 0.4 mi E. of New Hope Church, 45 ft S. of centerline of Murray, to New Concord Rd.; on property of D. Grogen; 0.4 mi E. of crossroads at New Hope Church; 5.3 mi NW. of New Concord; 0.5 mi E. of Cherry at Y-rd. intersection; 10 ft SE. of driveway; 71 ft NE. of NE. corner of D. Grogen's house; 45 ft S. of Y-rd. intersection; in concrete post; TVA standard disk stamped "LHT 11 44 1939"

523.257

New Hope Church, 2.1 mi E. of, 0.9 mi E. of Cherry Corner Church; in front yard of residence of L. E. Wyatt; about 220 ft S. of residence; 25 ft N. and 85 ft E. of Y-rd. intersection, in concrete post; standard tablet stamped "BC 3 1939"

534.362

Murray-Pine Bluff & Concord-Pottertown roads, 1.3 mi W. of intersection; 800 ft SE. of house owned by John Roberts; in concrete post; TVA standard disk stamped "R T IS 76 1935"

559.513

LINE 2.

By B. B. Chamblin, 1939; Book B8265

1.5 mi S. of Murray-New Concord rd.; at junction of Providence rd. and dirt rd. running W. to old Paris Pike; 100 ft W. of Stone School House; 800 ft S. of house occupied by C. W. Holt; 15 ft S. of center of Providence rd.; in edge of woods; in concrete post; standard tablet stamped "IT 3 IS 1935" (Destroyed, 1971)

541.941

U. E., New Providence, 1.0 mi N. of; 40 ft SW. of tobacco barn; 20 ft S. and 20 ft W. of center of dim crossroad; 1 ft from W. end of concrete culvert; on top of culvert; chiseled square

540.36

New Providence, 0.5 mi N. of; in front yard of residence; 40 ft S. and 40 ft W. of center of crossroads; in concrete post; standard tablet stamped "BC 4 1939"

536.469

New Providence, 0.5 mi N. of, thence 2.1 mi E.; in front yard of residence; 70 ft W. of center of intersection of T-rd. N.; in concrete post; standard tablet stamped "BC 5 1935"

529.186

LINE 2 (Cont'd.)Feet

U. E., New Providence, 0.5 mi N. of, thence 3.0 mi E., thence 0.9 mi NE.; 100 ft SW. of Y-rd. intersection; about 0.1 mi S. of steel bridge over Blood River; on center of W. concrete headwall of culvert; chiseled square 379.16

Murray, 9.0 mi E. of; 1.05 mi W. of New Concord; on S. side of Murray-Concord Hwy.; 100 ft E. of crossroads; in top of concrete headwall of 24-in. culvert 1/4 in. deep on centerline of culvert; 2 x 2 in. chiseled depression 386.071

LINE 3.

By B. B. Chamblin, 1939; Book 88265

New Providence, 0.5 mi N. of, in front yard of residence; 40 ft S. and 40 ft W. of center of crossroads; in concrete post; standard tablet stamped "BC 4 1939" 536.469

New Providence, 0.7 mi S. of; 150 ft SE. of New Providence School; 30 ft W. of New Providence-Hazel rd.; 200 ft NW. of house occupied by W. C. St. John; in concrete post; standard tablet stamped "TI 5 IS 1935" 558.109

U. E., Hazel, 5.7 mi E. of, along county rd. to monument TI 10 IS, thence 0.4 mi SE. along county rd.; of small bridge over drain; 1- by 1-in angle iron approximately on the S. line of SW. quadrant of quadrangle 18 429.83

Hazel, 6.0 mi E. of; 0.7 mi E. of intersection of New Providence-Hazel rd. and State Line Rd.; 40 ft S. of State Line Rd.; 200 ft N. of house occupied by N. Wilson; 0.2 mi N. of Kentucky-Tenn. State line; on bank of small ditch crossing road, standard tablet stamped "TI 10 IS 1935" 453.946

New Concord, 3.4 mi S. of, thence 0.8 mi E.; 250 ft W. of residence; 30 ft S. and 30 ft E. of center of Y-rd. intersection; in concrete post; standard tablet stamped "BC 6 1939" 539.294

Murray, 11.9 mi SE. of; 2.0 mi SE. of New Concord; 8.3 mi NW. of Scott Fitzhugh Bridge over Tennessee River; on State Highway 121; on property of R. P. Potter; 0.9 mi NW. of Mt. Carmel Church; 200 ft SW. of Potter Furgson's house; 175 ft NW. of old abandoned house; 33 ft SW. of centerline of hwy.; in S. right-of-way fenceline; in concrete post; TVA standard disk stamped "LHT 115.6 1939" (Tied by NGS, 1947) 441.147

LINE 4.

By B. B. Chamblin, 1939; Book 88265

Calloway, 1.3 mi S. of; 0.8 mi S. of Redden; 30 ft N. and 30 ft W. of center of intersection of T-rd. W.; in concrete post; standard tablet stamped "BC 2 1939" 347.813

LINE 5.Feet

By B. B. Chamblin, 1939; Book 88265

Golden Pond, 11.3 mi SE. of; 50 ft W. of center of Rushing Creek-Golden Pond Rd.; on property of Jim Garland; 0.6 mi NE. of Kentucky-Tennessee State Line; in concrete post; TVA standard disk stamped "K D 61 1939" (Destroyed, 1948)

533.532

LINE 6.

By B. B. Chamblin, 1939; Book B 8265

7.9 mi upstream on right bank of Tennessee River from Engrs. Ferry Bridge on River Bottom Road; TVA standard disk stamped "LHT 1152 1939"

400.873

Engr's. Ferry Bridge, 7.9 mi S. of, thence 2.2 mi NE.; on top of Tenn.-Basin Divide; on old house site, 35 ft S. and 20 ft E. of dim crossroad; 100 ft E. of Y-rd. intersection; in concrete post; standard tablet stamped "BC 7 1939"

575.739

Golden Pond, 1.2 mi SW. of; TVA standard disk stamped "KD 59 1939"

417.936